

Notice of Allowability

Application No.

10/735,763

Examiner

Anatoly Vortman

Applicant(s)

LIN, CHIA HO

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 12/16/03.
2. ☒ The allowed claim(s) is/are 1-5.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 09/16/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



**ANATOLY VORTMAN
PRIMARY EXAMINER**

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for the examiner's amendment to the claims was given in a telephone interview with **Mr. Leong Lei, Reg. No. 50,402 on 09/15/05.**

The application has been amended as follows:

Specification:

p.1, line 5, following "installed," --has-- was inserted before "low cost", line 10 [the] has been deleted before "holding", line 12, [plate] has been replaced with --plates--, line 16 [the] has been deleted before "holding";

p. 2, line 3 [convention] has been replaced with --conventional--, line 6 [bot] has been replaced with --body--, line 16 [plate] has been replaced with --plates--;

p.3, line 1 [occupy] has been replaced with --occupied--, line 5, following "insertion" --seat-- has been inserted;

p. 4, line 4 [plate] has been replaced with --plates--, line 6 [terminal] has been replaced with --terminals--, line 8 [sides of the slot wall] has been replaced with --lateral walls--, line 10 all instances of [slot] have been replaced with --slots--, line 13 [a positing] has been replaced

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with --positioning-- , [block] has been replaced with --blocks--, [at] has been replaced with --with--, line 14 [slot] has been replaced with --slots--, line 15 [large] has been deleted;

p. 5, line 4 [manifest] has been replaced with --obvious--;

p.6, --a-- has been inserted before “filter” in lines 3, 4, 5, and 7, also, line 9 [the engaging] has been replaced with --engaged position-- and in lines 9 and 10 [to the fuse seat] has been deleted;

p. 7, line 15 [terminal] has been replaced with --terminals--, line 16 [plate] has been replaced with --plates--, and line 20 [is] has been replaced with --has--;

p. 8, line 2 [mounted] has been replaced with --provided--, lines 6 and 8, all recitations of [slot] have been replaced with --slots--, line 10, following “51 is” --provided with a-- has been inserted, line 11 [with a] has been deleted before “guiding block”, line 12 [plate] has been replaced with --plates--, line 13, following “55 is” --provided with a-- has been inserted, line 14 [with a] has been deleted, line 16 [mounted] has been replaced with --provided--;

p. 9, line 2, --the-- has been inserted before first recitation of “fuse”, line 7 [plate] has been replaced with --plates--, line 9 --be-- has been added following “can”, line 12 --a lot of-- has been inserted before “space”, line 15 [which does not occupy space] has been deleted, line 17 [find a useful] has been replaced with --be useful in-- and [methods] has been replaced with --devices--, line 20 [claim] has been replaced with --claims--.

Abstract:

p. 13, line 2 of the page, following “seat” [filter] has been deleted, line 3, following the first recitation of “seat” --for accepting a base seat body-- has been inserted, line 4, [plate] has

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been replaced with --plates--, line 7, following “the two” [sides of the slot wall] has been replaced with --lateral walls--, line 8, [a positioning recess] has been replaced with --positioning slots--, lines 9 and 10, all recitations of [slot] have been replaced with --slots-- and in line 9 --base-- has been inserted before “seat body” and [the] has been replaced with --a-- before “fuse”, line 11, --a-- has been inserted before “sliding plate”, line 12 [positing] has been replaced with --positioning--, line 13, --base-- has been inserted before “seat body”, line 14, [a] has been replaced with --the-- before “fuse”, line 15, [large] has been deleted.

Claims:**Claim 1:**

line 1 of the claim [having] has been replaced with --comprising--, following “insertion seat” --for accepting a base seat body-- has been inserted;

line 2 of the claim, [characterized in that] has been replaced with --, wherein--;

line 5 of the claim, [the] has been replaced with --a-- before “fuse”;

line 7 of the claim, following “two” [sides of the slot wall] has been replaced with --two lateral walls-- and [a] has been deleted at the end of the line;

line 8 of the claim, [recess] has been replaced with --slots-- and [the] before “seat body” has been replaced with --a base--;

line 9 of the claim [slot] has been replaced with --slots--;

line 10 of the claim, [slot] has been replaced with --slots--;

line 11 of the claim, --a-- has been inserted before “sliding plate”;

line 13 of the claim [a positing protruded block] has been replaced with

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--positioning protruded blocks--, and following “engagement” [at] has been replaced with --with--; and,

line 14 of the claim [slot] has been replaced with --slots--.

Claim 2:

lines 1 and 2 of the claim, following “wherein”, [one lateral wall of the cavity is a guiding slot and the] has been replaced with --an--, also in line 2 of the claim --having a-- has been added following “block is”;

line 3 of the claim, following “mounted” [with a] has been deleted; line 4 of the claim, following “displacement of the” --base-- has been inserted before “seat”.

Claim 3:

line 2 of the claim, [slot and the] has been replaced with --slots and a--.

Claim 4:

line 2 of the claim, --base-- has been inserted before “seat body”, [are] has been replaced with --having-- before “protrudingly”, and [with an] has been deleted before “urging block”;

line 3 of the claim, before “rear section”, [the] has been replaced with --a--; and,

line 4 of the claim, [a] has been replaced with --the-- at the end of the line.

Claim 5:

line 1 of the claim, following “insertion seat”, [is] has been replaced with --comprising--.

2. The following is an examiner’s statement of reasons for allowance:

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The allowability resides in the overall structure of the device as recited in independent claim 1, and at least in part, because claim recites: “two lateral walls of the guiding slot are provided with positioning slots...the sliding plate has positioning protruded blocks for engagement with the positioning slots”. The aforementioned limitations in combination with all remaining limitations of claim 1, are believed to render the claim and all claims dependent therefrom patentable over the art of record.

Applicant Admitted Prior Art (AAPA) is believed to be closest reference to the present invention. AAPA disclosed (Fig. 1 and 2 of the instant application) conventional fuse seat for a filter comprising an insertion seat 1 having a drawer-like seat body 2. The insertion seat 1 has a cavity 10 for holding of the seat body 2, and within the cavity 10, there are two sets of positive and negative conductive plates 11 linked to the electronic components 3 at the other side of the insertion seat 1. A metallic housing 30 externally covers the electronic components 3. The two lateral walls of the cavity 10 are provided with a sliding slot 12 for the sliding and engagement of the two lateral sides of the seat body. The seat body 2 has a chamber 20 for holding a fuse 31. The two lateral sides of the seat body 2 are each protrudingly provided with a sliding block 21 so that the sliding block 21 is slidably engaged within the sliding slot 12. The sliding block 21 is slidably engaged within the sliding slot 12 and the seat body 2 at the insert seat 1 is formed as a drawer and the fuse 31 can be inserted to the cavity 10, but did not disclose that the two lateral walls of the guiding slot are provided with positioning slots, wherein the sliding plate has positioning protruded blocks for engagement with the positioning slots, as required by independent claim 1 of the instant application.

The Examiner has cited the following pertinent to the present invention references:

US/4834664, 4752243, 4488767, 4274698, 3287528, 2644056, 2074861, 1966716, 4488201, 6616484, 6468111, 6039607, 5984730, 5876250, 5791941, 5482478, 5355274, EP/1039500, and GB/2282713 disclosed fusible connectors and switches with removable fuses.

None of the cited references either taken alone or in combination is believed to render the present invention unpatentable as claimed.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anatoly Vortman whose telephone number is 571-272-2047. The examiner can normally be reached on Monday-Friday, between 10:00 am and 6:30 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ms. Lynn Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only:

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read 'A. Vortman', with a long horizontal stroke extending to the right.

Anatoly Vortman
Primary Examiner
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